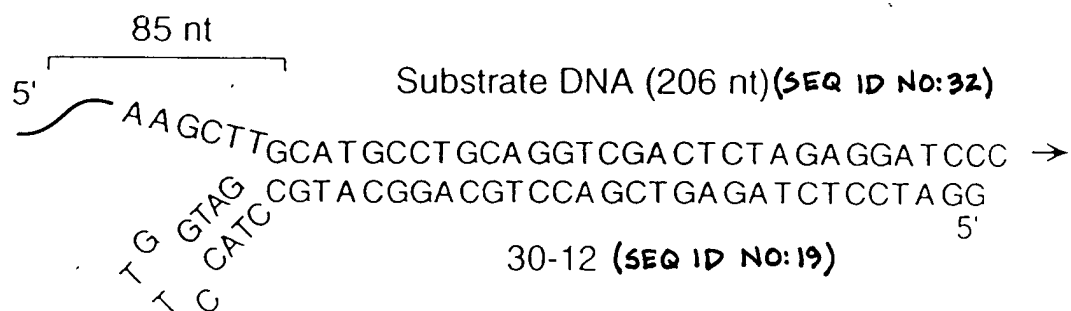
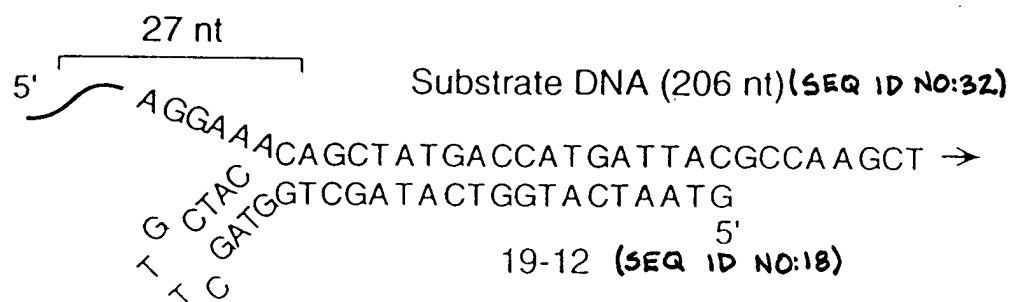


FIG. 6

FIG. 12A



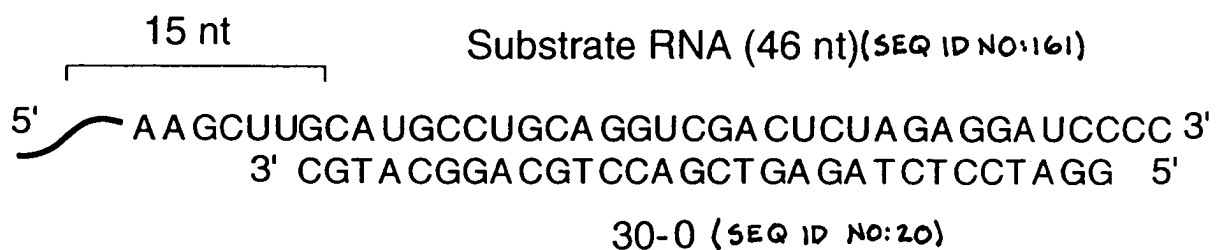


FIG. 13A

(seq ID no:162)

-35

-10

RBS

TTGACAAATTAATCATCGGCTCGTATATATGTGTGGAATTGTGAGCGGATAACAATTCACACAGGAACACAGCG

MetAsnSer...

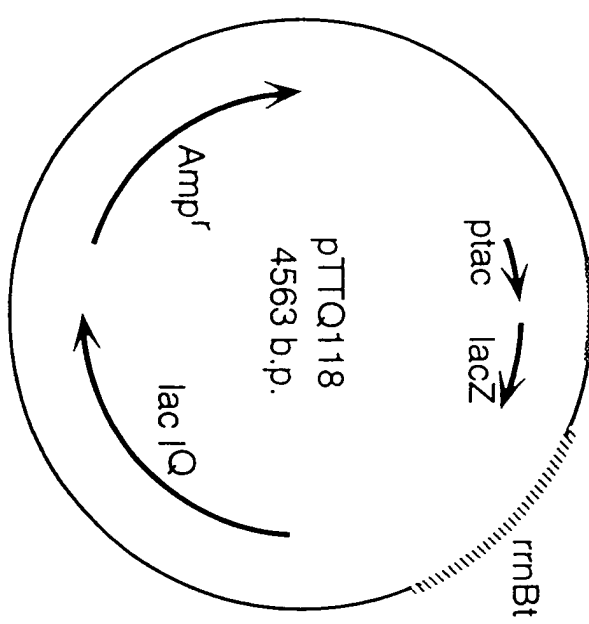
ATGAATTGAGCTCGGTACCCGGGGATCCTCTAGAGTCGACCTGCAGCGCATGCAAGCTTGGCACTGGCC

EcoRI _____ KpnI _____ BamHI _____ Sall _____ SphI _____ HindIII

SstI _____ SmaI _____ XbaI _____ PstI _____

FIG. 14B

FIG. 14A



RBS: Ribosome binding site lacZ: Beta-galactosidase alpha fragment
ptac: Synthetic tac promoter rrnBt: E. coli rrnB transcription terminator
lacIQ: Lac repressor gene

FIG. 14C

(SEQ ID NO: 163)

AGATCTCGATCCCGCGGAATTAAATACGACTCAGTATAGGGAGACCAACGAGTTCCCTCTAGAAATATTTGTTT
Bgl II T7 Promoter XbaI

AACTTAAAGAGAGATATACATATGCTAGCATGACTGGTGACAGCAATGGGTCGGATCCGGCT
RBS MetAlaSer... NdeI BamHI

FIG. 15B

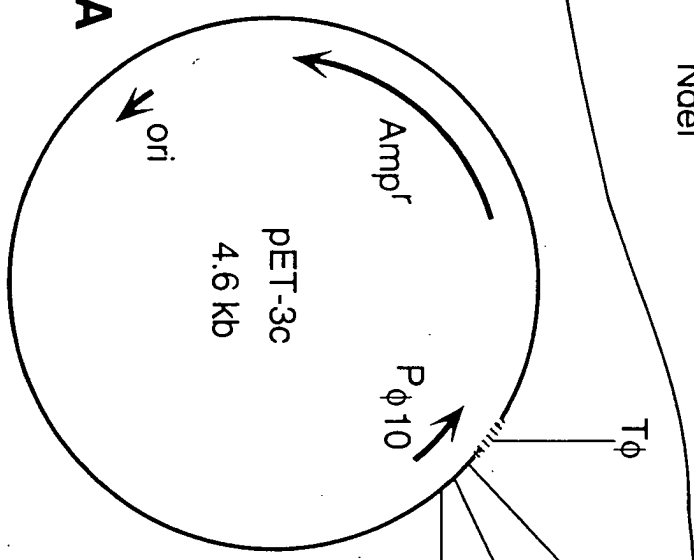


FIG. 15A

P_{φ10}: Bacteriophage T7 ϕ 10 promoter
T ϕ : T7 ϕ Terminator
RBS: Ribosome binding site

FIG. 15C

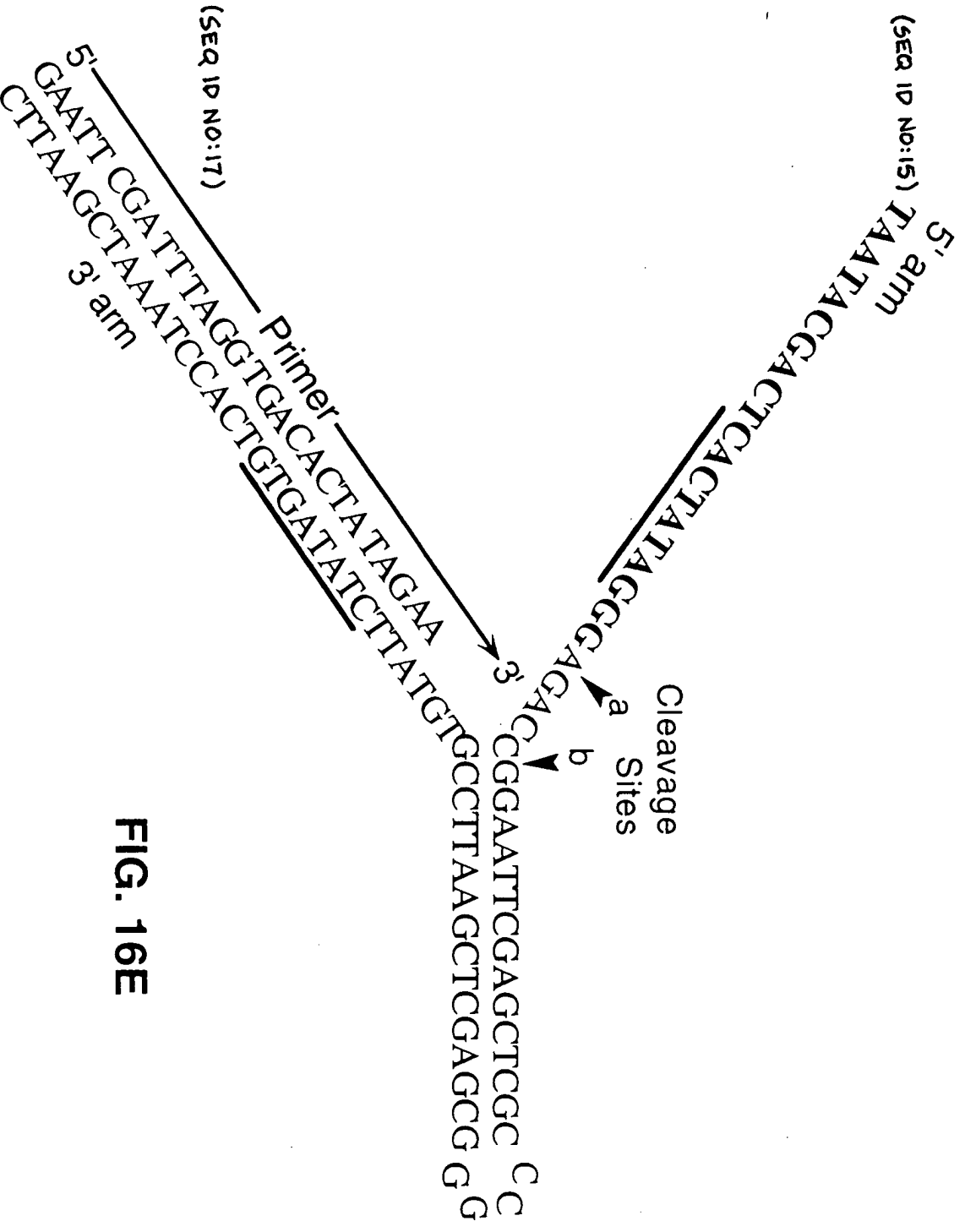


FIG. 16E

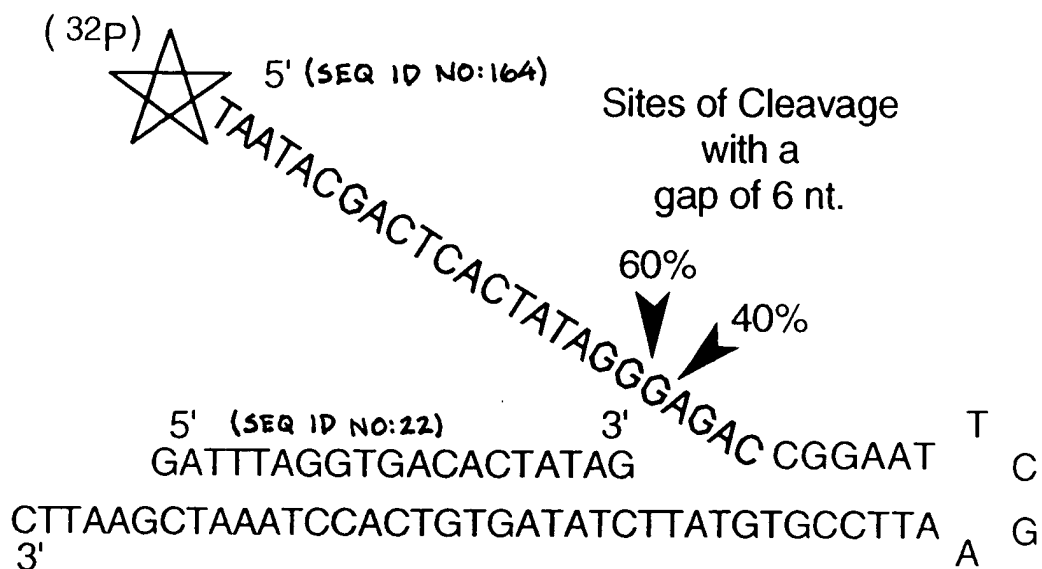
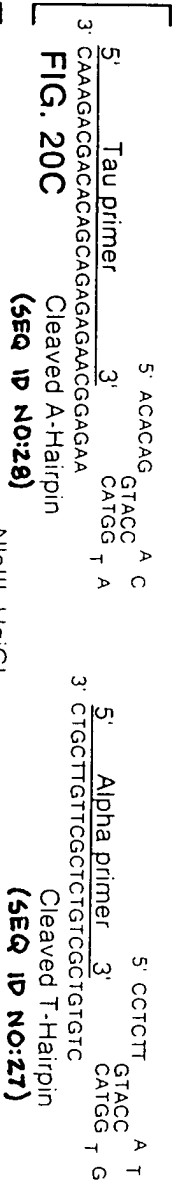
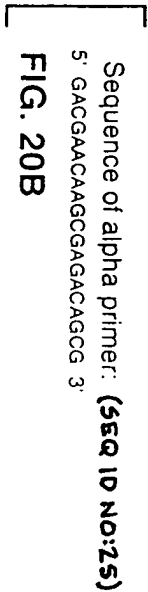
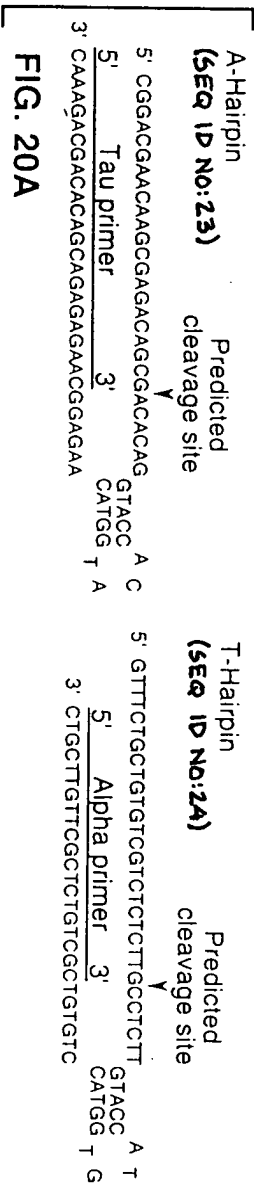


FIG. 19A



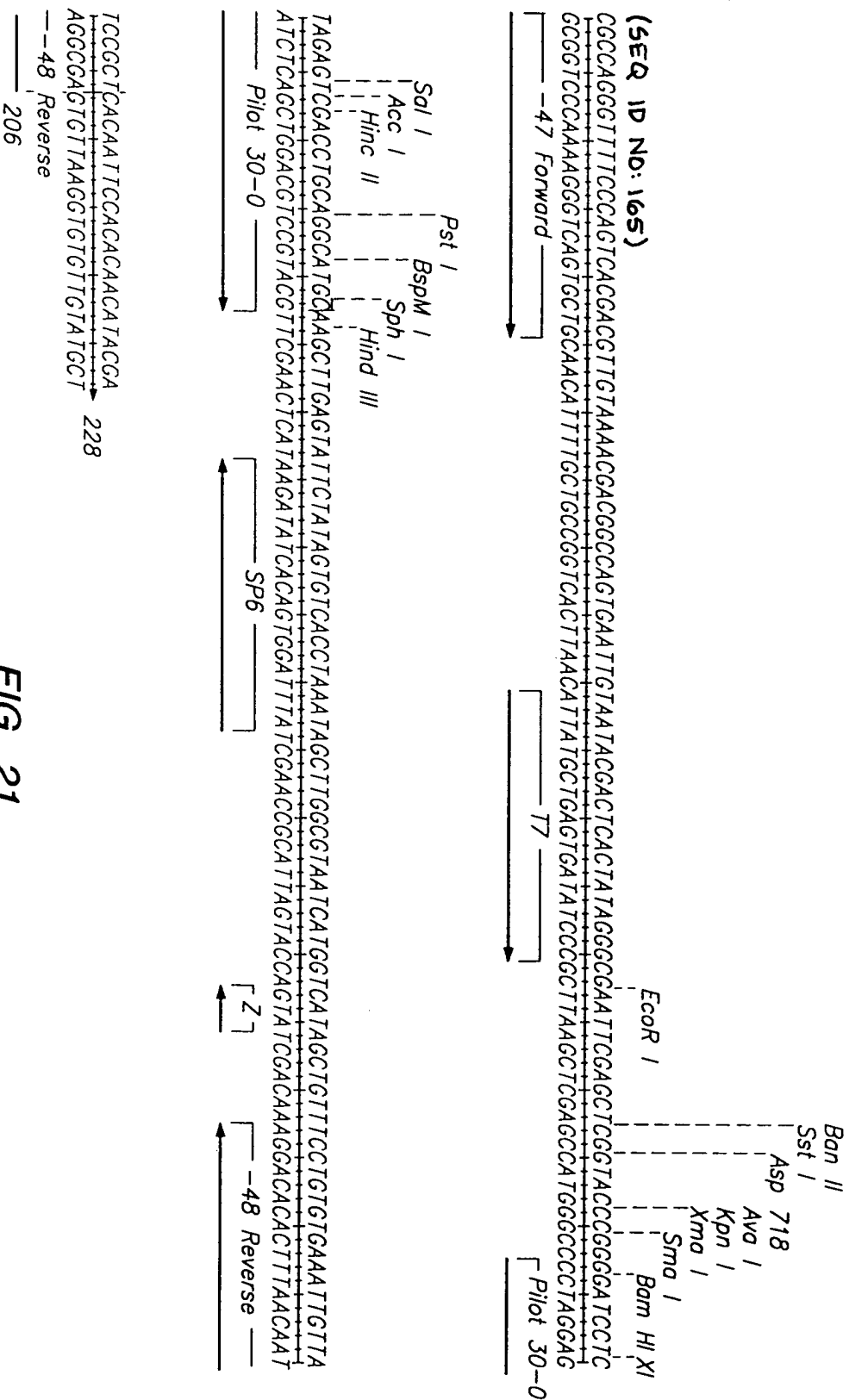


FIG. 21

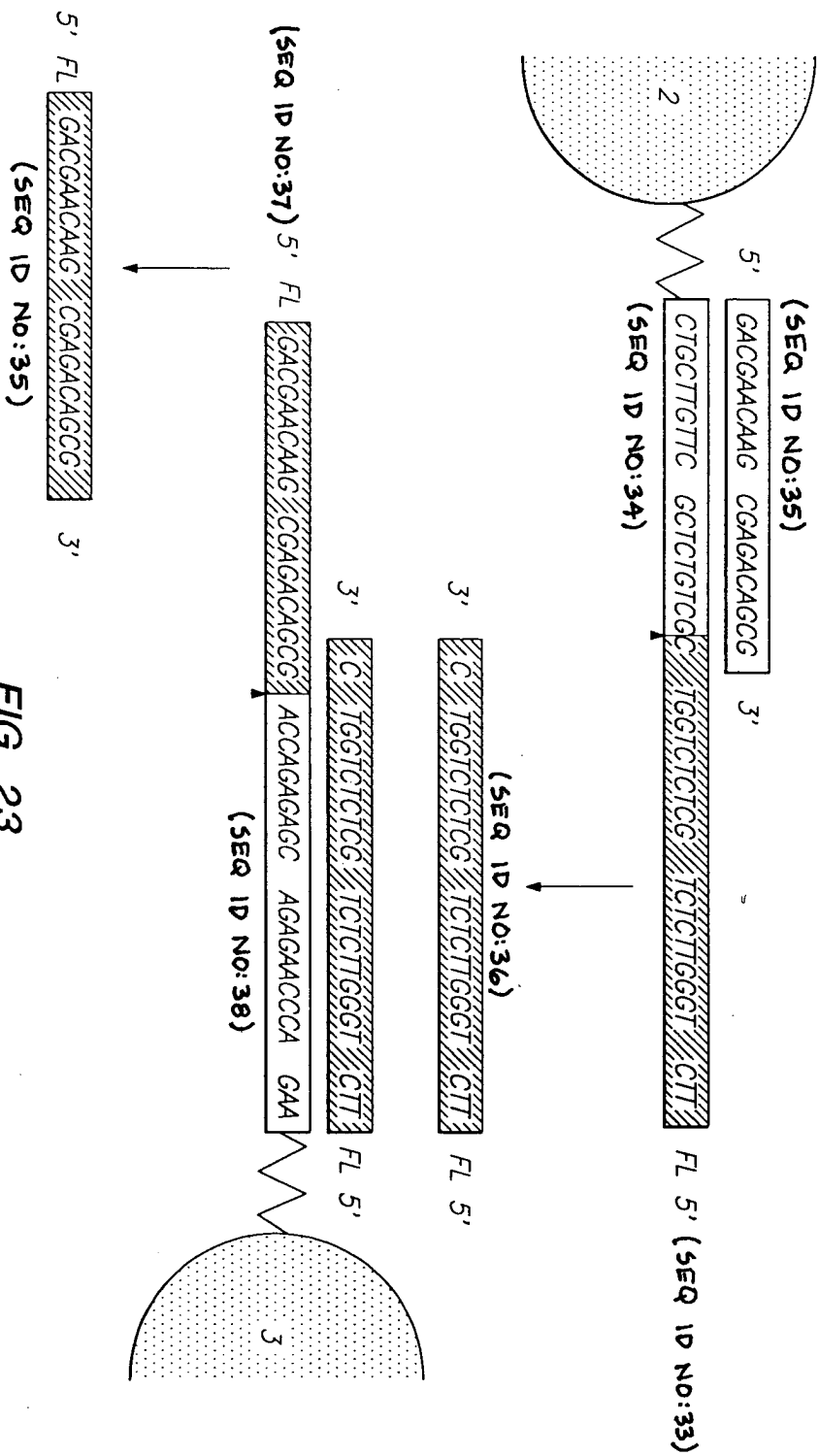


FIG. 23

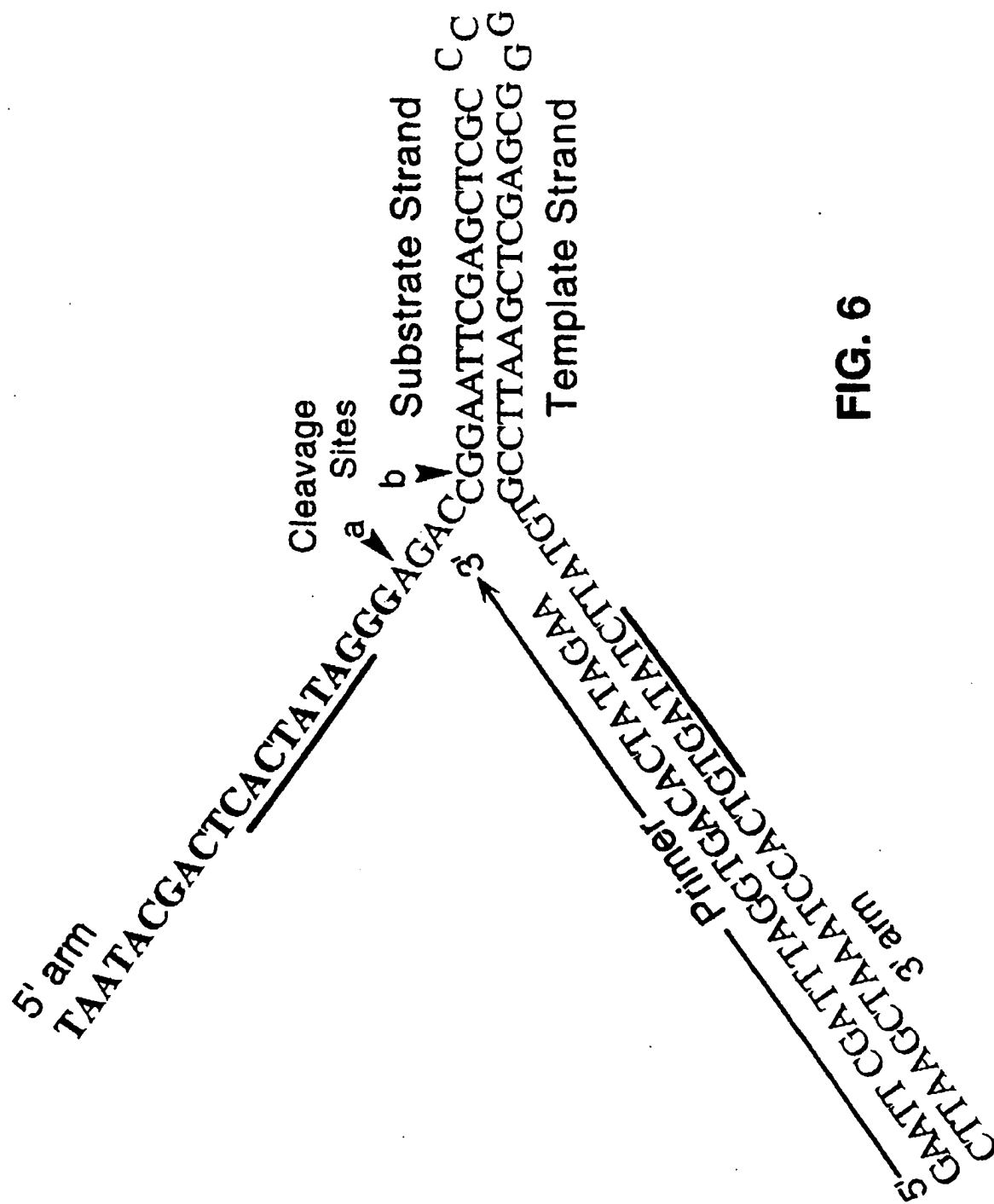
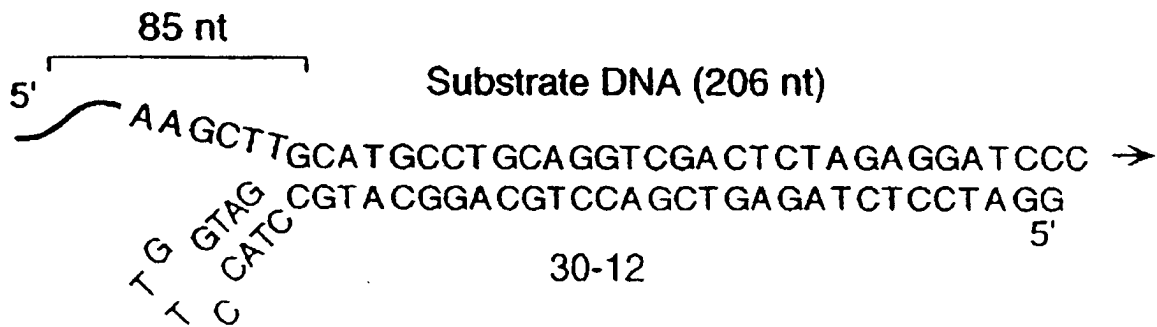
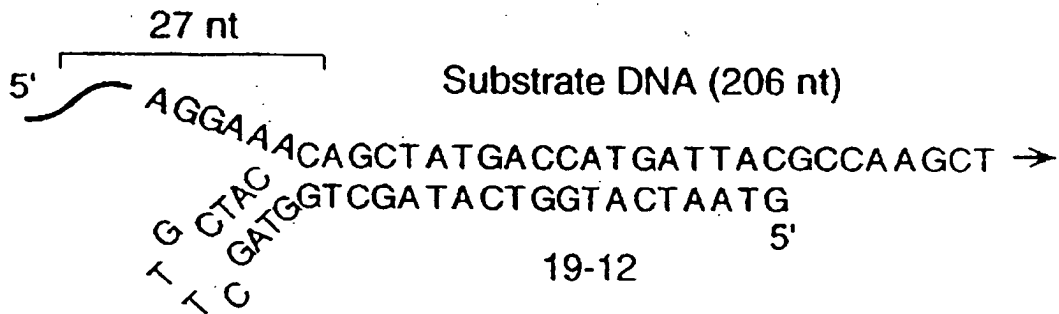


FIG. 6

FIG. 12A



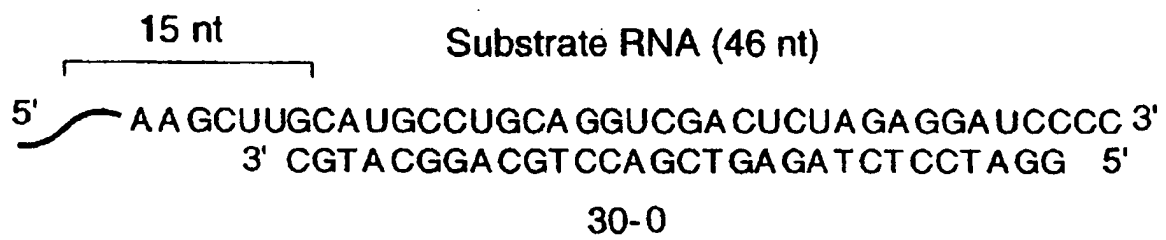
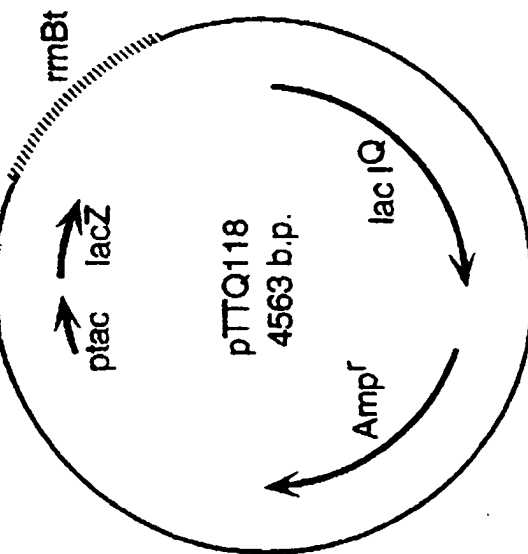
**FIG. 13A**

FIG. 14B



RBS: Ribosome binding site
ptac: Synthetic tac promoter
lac I^Q: Lac repressor gene
lacZ: Beta-galactosidase alpha fragment
rmBt: E. coli rmB transcription terminator

FIG. 14C

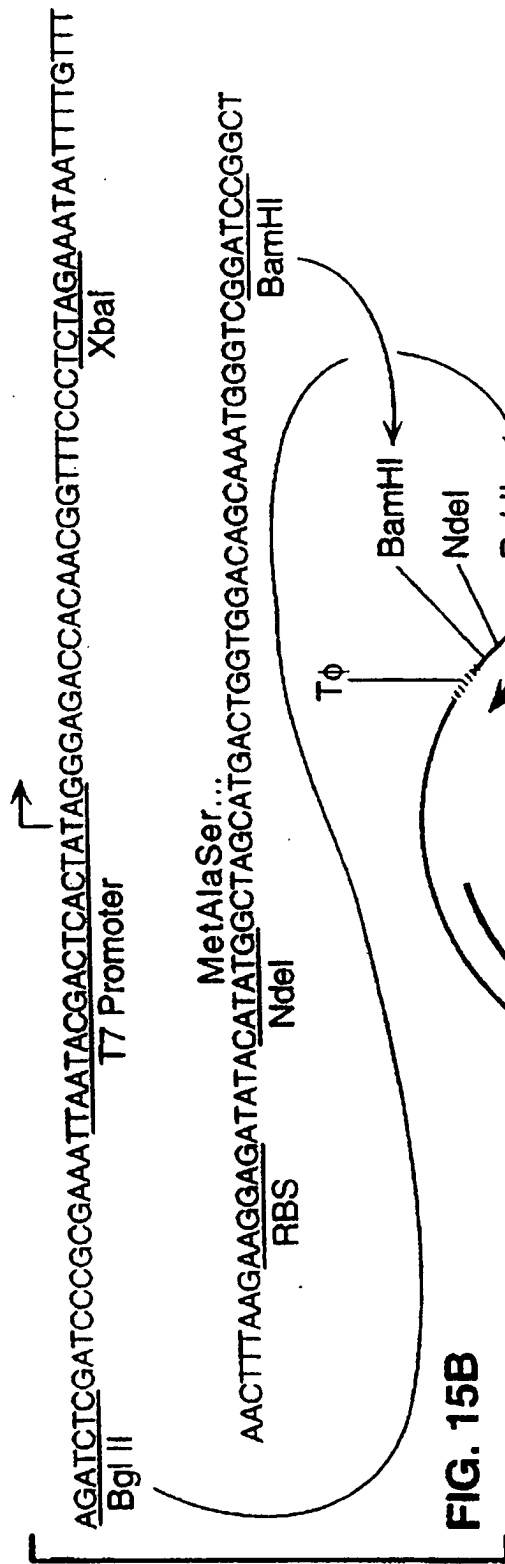


FIG. 15B

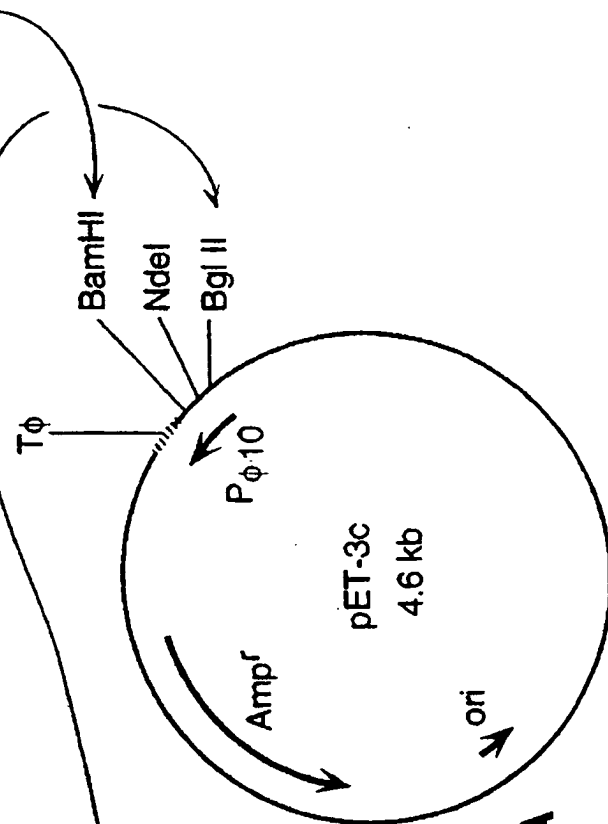


FIG. 15A

$P_{\phi 10}$: Bacteriophage T7 $\phi 10$ promoter RBS: Ribosome binding site
 $T\phi$: T7 ϕ Terminator

FIG. 15C

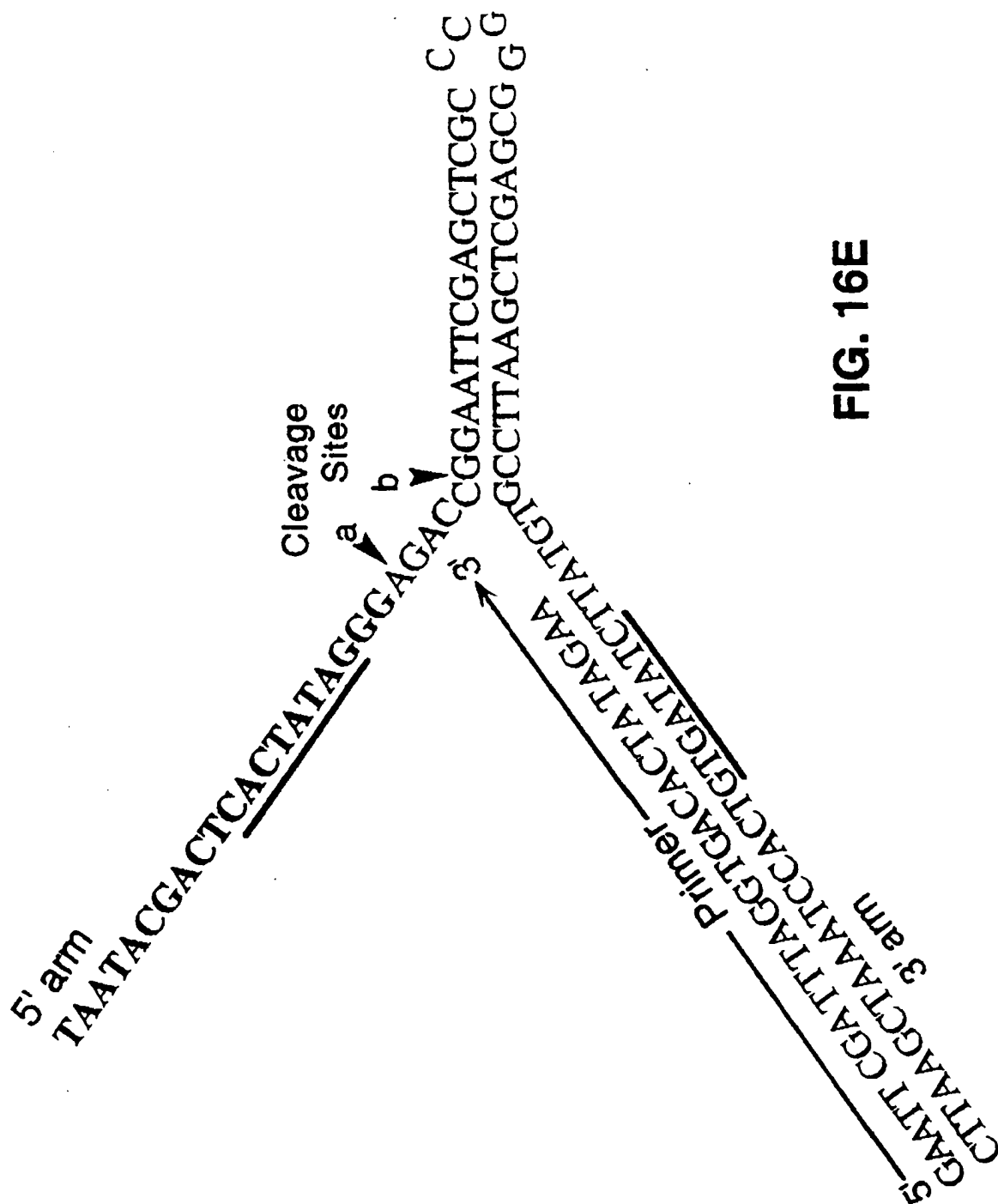


FIG. 16E

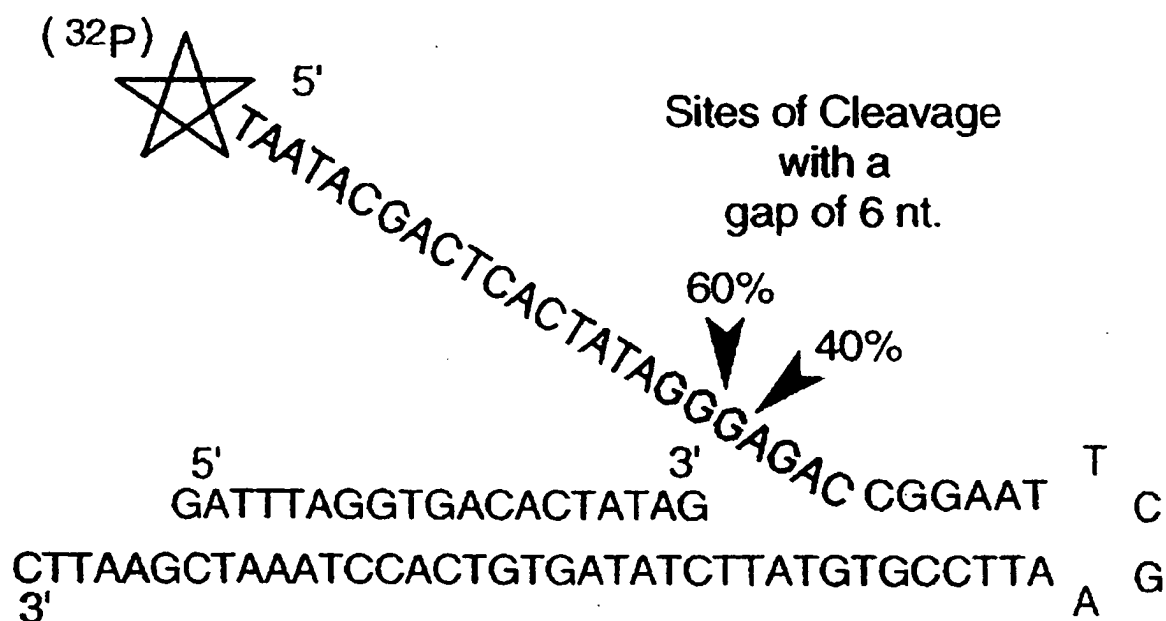
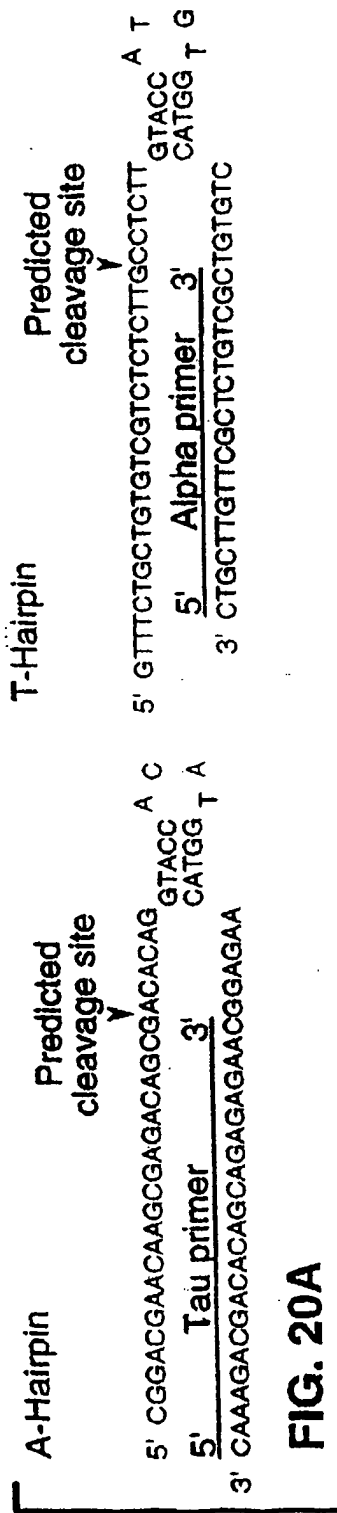
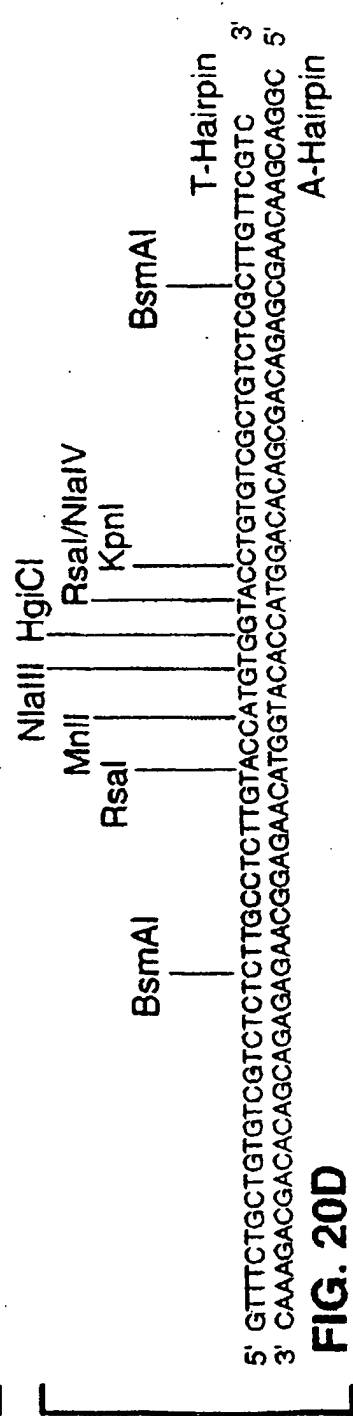
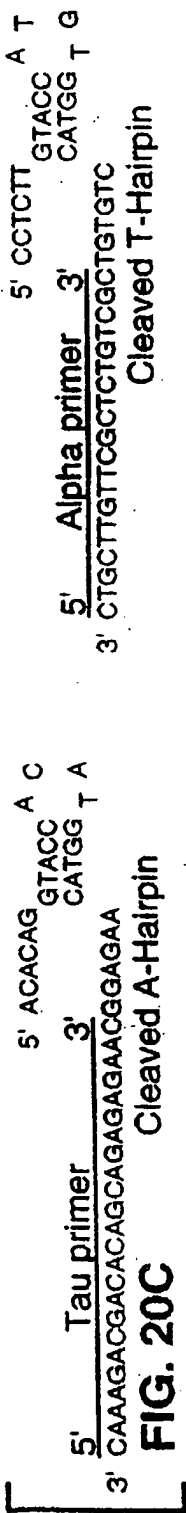


FIG. 19A



Sequence of alpha primer:
 5' GACGAACAAGCGAGACAGCG 3'

FIG. 20B



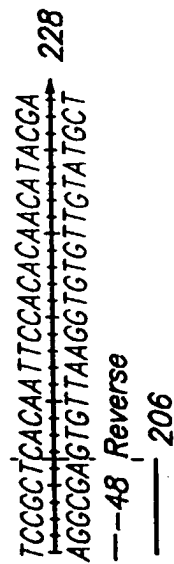
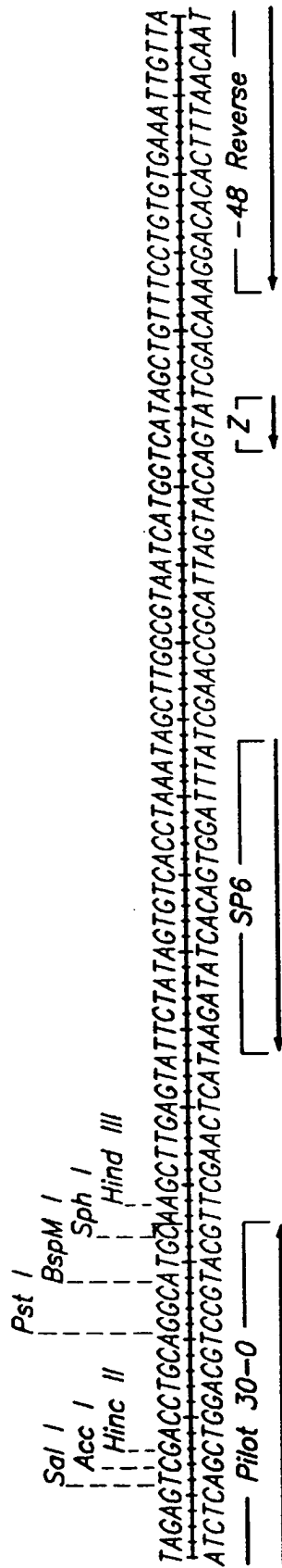
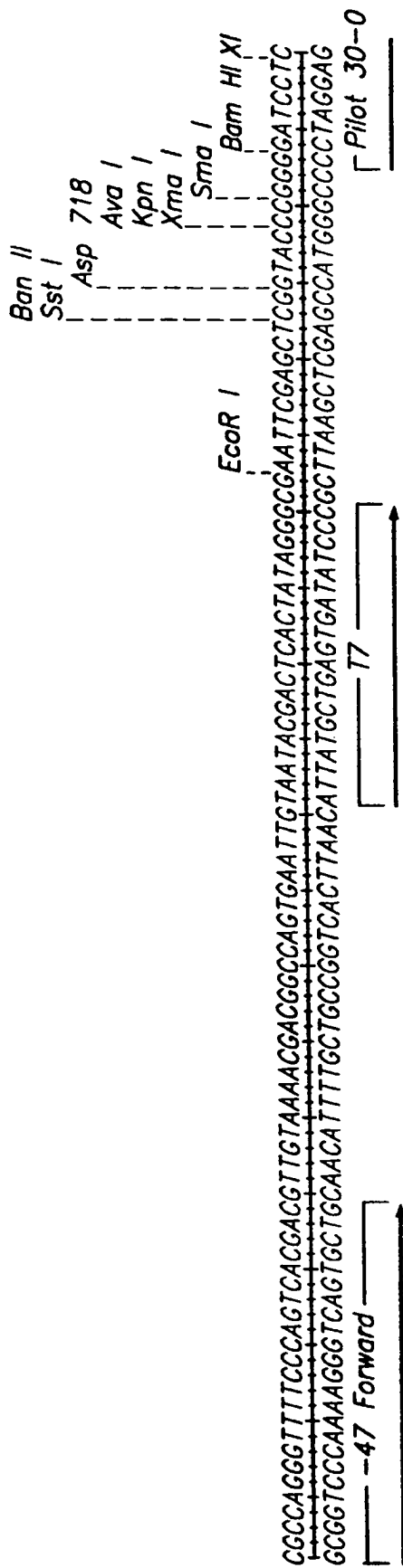


FIG. 21

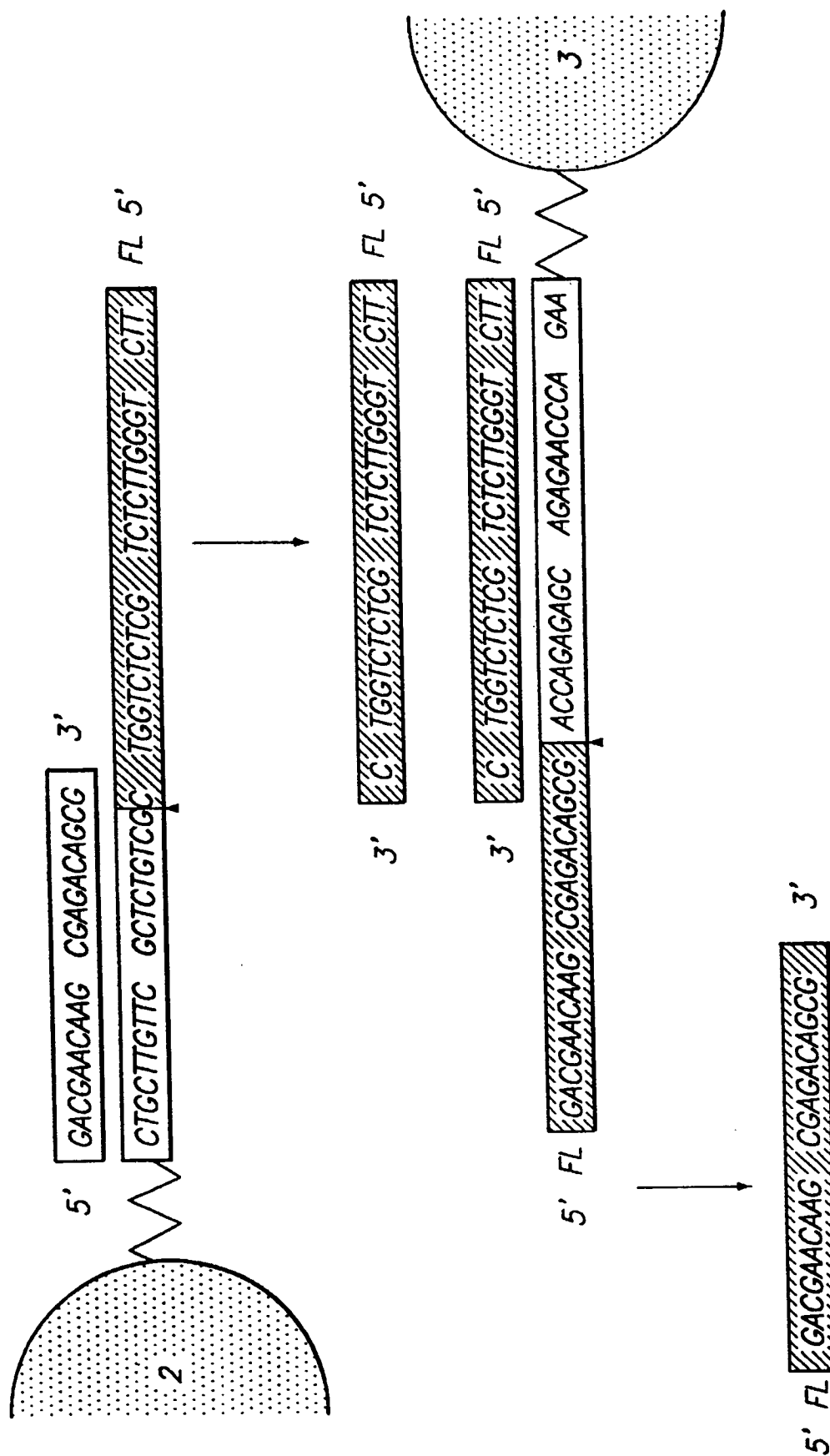


FIG. 23